

# St\*r\*\*v\*nt Genetic Project

## ySTR Marker & Company Comparison

Marker #s 385-456

**Updated As of March 2k10**

We have put together this chart to show what ySTR markers are being tested and by which company.

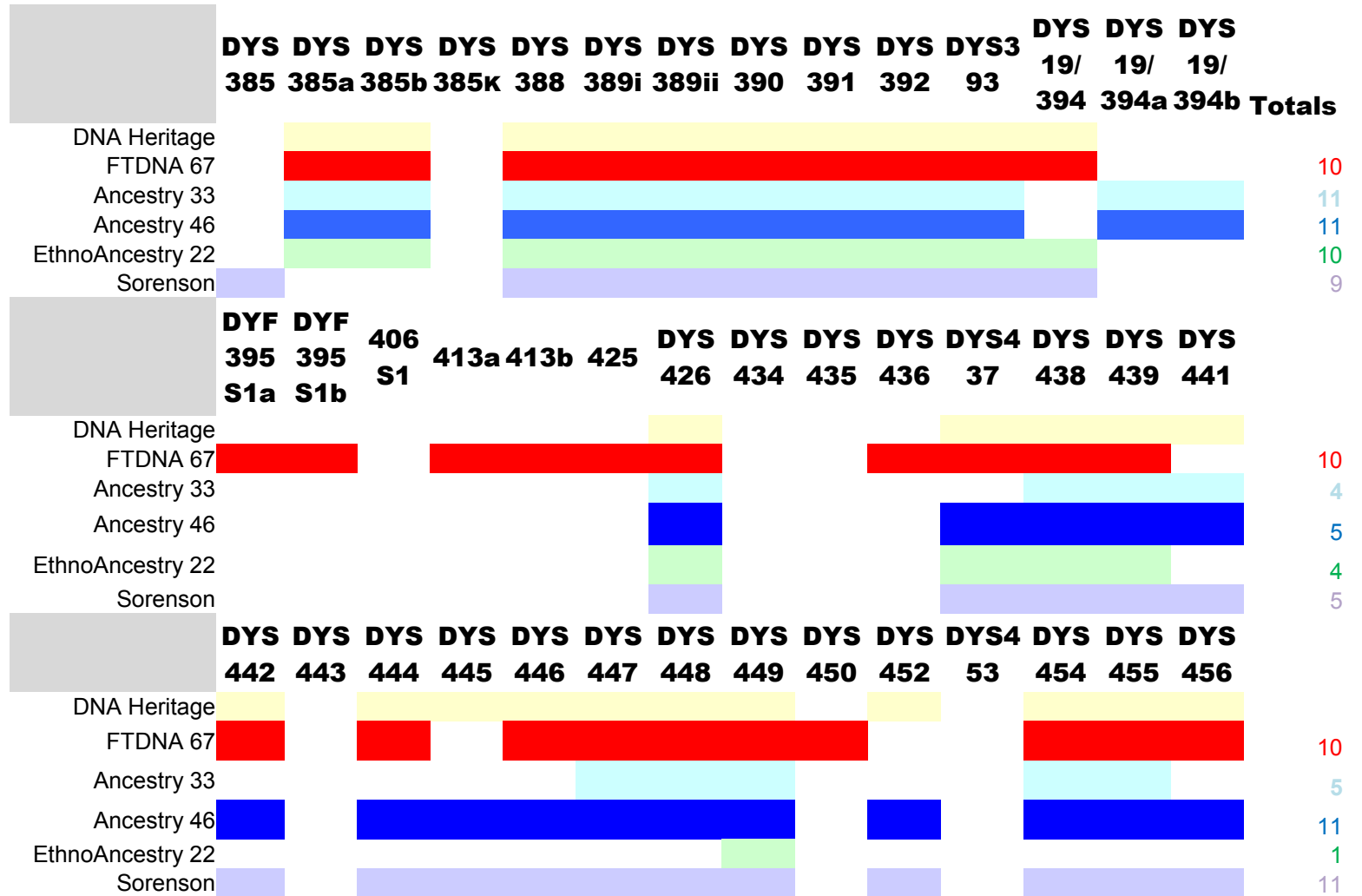
This will allow those participating in the St\*r\*\*v\*nt Genetic Project to compare companies, their offerings and their prices so that they may get the most relevant information for their buck.

Remember there are 2 types of y-chromosome testing for genealogic purposes:

ySTR compares marker across individuals to determine relatedness. It is a numbers game. More matches at more markers within the same population group means closer the relationship.

ySNP looks at certain marker values to determine popula-

*(Continued on page 2)*



This document created with Microsoft Office products. I gather notes, screenshots, spreadsheets into OneNote to get an idea of everything needed to present. I then used Publisher to create the document. With the use of Objects in Publisher, one of which can be a pdf document, I added the Results All pdf as the final page of this document. I was then able to add notes to tie it into this document and re-publish whole thing as new pdf.

# St\*r\*\*v\*nt Genetic Project

## ySTR Marker & Company Comparison

Marker #s 458-607

	DYS 458	DYS 459a	DYS 459b	DYS 460	DYS 461	DYS 462	DYS 463	DYS 464a	DYS 464b	DYS 464c	DYS 464d	DYS 464e	DYS 464f	DYS 464g	
DNA Heritage															
FTDNA 67															
Ancestry 33															
Ancestry 46															
EthnoAncestry 22															
Sorenson		*	*					*	*						

	DYS 472	DYS 481	DYS 485	DYS 487	DYS 490	DYS 492	DYS 505	DYS 511	DYS 520	DYS 522	DYS 531	DYS 533	DYS 534	DYS 537
DNA Heritage														
FTDNA 67														
Ancestry 33														
Ancestry 46														
EthnoAncestry 22														
Sorenson														

	DYS 549	DYS 556	DYS 557	DYS 565	DYS 568	DYS 570	DYS 572	DYS 575	DYS 576	DYS 578	DYS 589	DYS 590	DYS 594	DYS 607
DNA Heritage														
FTDNA 67														
Ancestry 33														
Ancestry 46														
EthnoAncestry 22														
Sorenson														

- [DNA Heritage Project Page](#)
- [Family Tree DNA Surname tests](#)
- [Ancestry.com Surname Tests](#)
- [EthnoAncestry Haploview Test](#)
- [Sorenson Genomics](#)

**Prices and Order Forms**

The pure yellow colored cells here, represent 6 of the additional 15 markers that DNA Heritage is planning on offering. These 6 plus 3 on the next page are 9 of the 15. The other 6 are: DYS 508, DYS 527a, DYS 527b, DYS 552.1, DYS 552, DYS 627.

Sorenson is an anonymous and free database. No guarantee of when your results will show up in the database.

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tion Haplogroup and sub-Groups. While major Haplogroup designation can be deduced from values at ySTR locations, ySNP is a more accurate and precise determination of Group and sub-Group.

Individuals cannot be related genetically if they are in different Haplogroups, no matter what your documentation says. This is usually an indication of adoption or bastardry somewhere along the line.

Markers are locations on the y-chromosome. The y-chromosome is passed from father to son. The values are a count of certain repeat patterns at these locations. Mutations at these locations account for the difference in values. The mutation is passed from father to son along with the chromosome.

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Some companies report only one value for related markers instead of separating them into a, b, c, or more. This accounts for differences in numbers of locations among identical tests.

This update's major change is the change from EthnoAncestry's 45 markers to its now 22 markers. They apparently no longer offer the 45 marker ySTR tests.

This update does not include, or conclude, anything about ySNP testing. All of these companies offer some form of SNP or deep ancestry tests. But that analysis will have to be in a future document.

	DYS														DYS				CDY		DYS		Totals
	DYS617	635/GAT	DYS636	DYS638	DYS640	DYS641	DYS643	DYS714	DYS716	DYS717	CDY a	CDY b	DYS725	DYS726	DYS711	DYS712	DYS713	DYS714					
DNA Heritage																							
FTDNA 67																				5			
Ancestry 33																				1			
Ancestry 46																				1			
EthnoAncestry 22																				1			
Sorenson																				1			

	GA-				DYS					DYS				DYS		Totals
	YCAII	YCAII	TAH4	GA-TAA1	GGAA	DYS711	DYS712	DYS713	DYS714	DYS715	DYS716	DYS717	DYS718	DYS719	DYS720	
DNA Heritage																
FTDNA 67																4
Ancestry 33																3
Ancestry 46																5
EthnoAncestry 22																3
Sorenson																5

DYS 459 *	DYS 464 *
1	1

**Totals**

**Sources**

[DNA Heritage](#)

[Family Tree DNA](#)

[Ancestry.com](#)

[EthnoAncestry](#)

[Sorenson](#)

**This document is an update to this document from 2008**

[www.sturgood.com/dna/pdf/Company%20Comparison.pdf](http://www.sturgood.com/dna/pdf/Company%20Comparison.pdf)

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